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PHOTOGRAPHIC INTERPRETATION REPORT



**GELLI IRBM COMPLEX, USSR
LAUNCH AREAS NO 2 AND 3**

TCS-81012/65
AUGUST 1965
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Declassification Review by NIMA / DoD

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**GELLI IRBM COMPLEX, USSR
LAUNCH AREAS NO 2 AND 3**

Launch Area No 1 (TDI name: Kakashura IRBM Launch Site)--Type IV 42-38-45N 47-27-00E

Launch Area No 2 (TDI name: Gelli IRBM Launch Site)--Type IV 42-45-15N 47-28-15E BE N

Launch Area No 3 (TDI name: Paraul IRBM Launch Site)--Type IV 42-47-30N 47-23-00E BE

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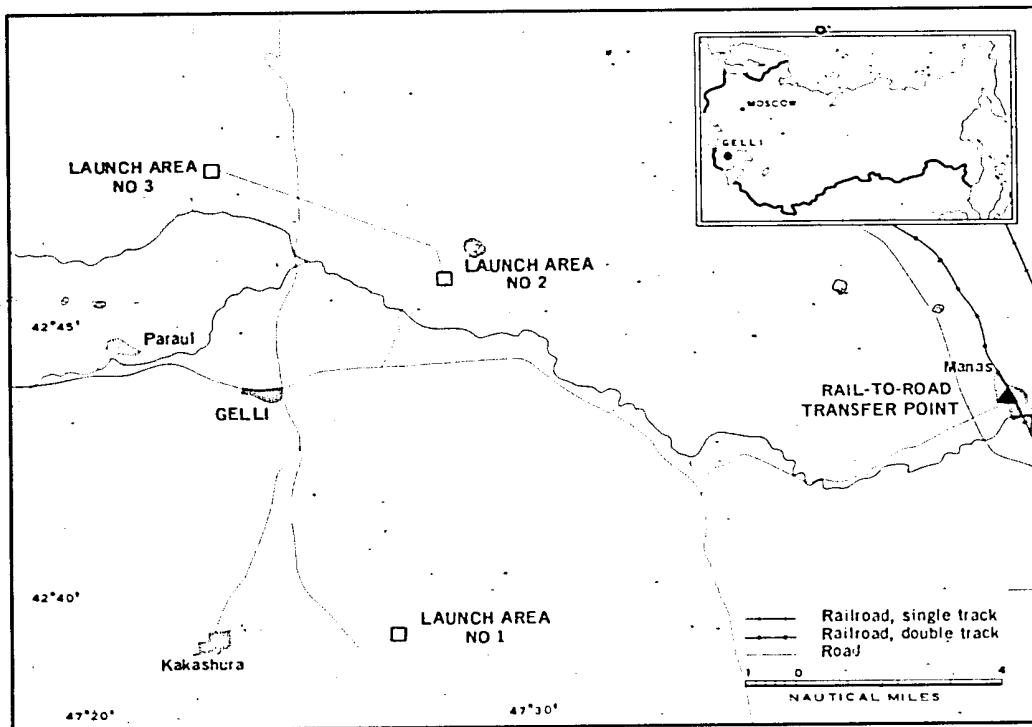


FIGURE 1. GELLI IRBM COMPLEX, USSR.

NPIC R-2521 (8/85)

This report supplements NPIC/R-252/63 1/ concerning Gelli IRBM Complex (Figure 1), which consists of 3 Type IV IRBM launch areas and a rail-to-road transfer point.

LAUNCH AREA NO 2

Launch Area No 2 is located approximately 3.5 nautical miles (nm) northeast of Gelli in a

hilly area with an average elevation of 1,000 feet, bearing scrub vegetation.

A service road running approximately 4.2 nm northwest to Launch Area No 3 crosses a road leading due south to the town of Gelli. Approximately 12.5 nm to the northeast is the city of Makhachkala. Launch Area No 1 is situated approximately 6.5 nm to the south-southwest.

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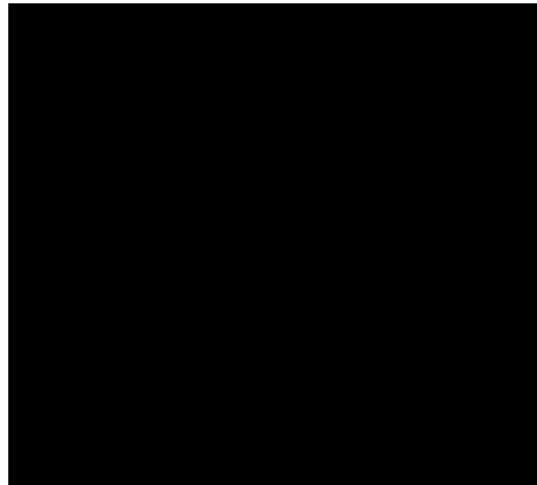
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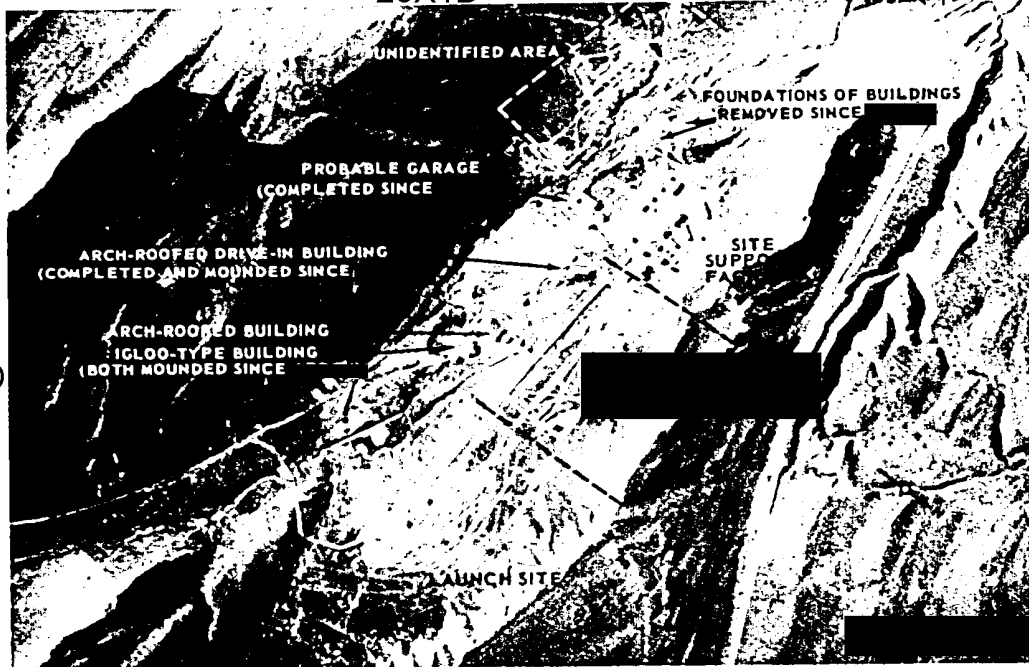
LAUNCH SITE

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The launch site (Figures 2 and 3) appears to be complete on KEYHOLE photography of [REDACTED] (Figure 4) with 3 launch silos and a bunkered control building clearly shown. The site access road apparently extends across the control bunker on a 100-degree azimuth, connecting with a road leading to a nearby village. A drive-in revetment measuring approximately 30 by 20 feet is situated in the southeast corner of the silo area. Located on the north side of the control bunker is a possible entrance. Approximately 600 feet south of the launch site is a building measuring approximately 60 by 30 feet. This may be a water pumping station.



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FIGURE 4. GELLI IRBM LAUNCH AREA NO. 2, [REDACTED]

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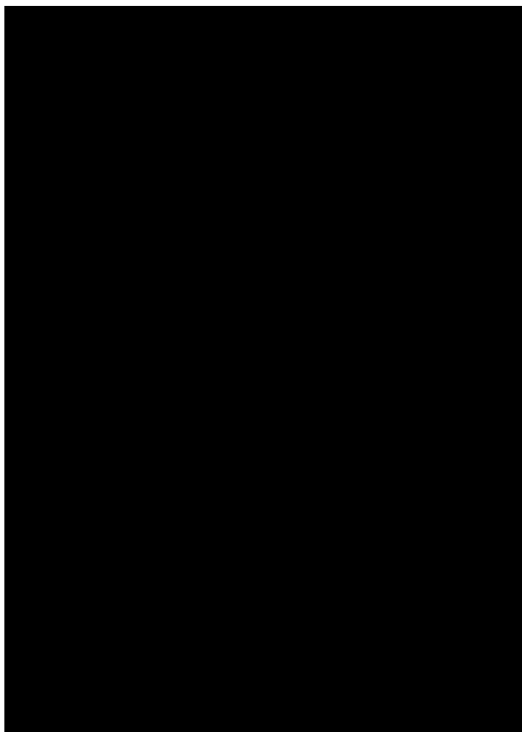
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a road leading due south to the town of Gelli. Approximately 12 nm to the northeast is the city of Makhachkala. Launch Area No 1 is situated 8.7 nm to the south-southeast.

Launch Area No 3 was first observed in [REDACTED] at which time the launch site appeared to be in an early stage of construction. The midstage of construction had been reached by [REDACTED]

[REDACTED] Subsequent coverage has shown continuing construction activity in the site support facility, with the launch site appearing substantially complete as of [REDACTED]



LAUNCH SITE

The launch site (Figures 5 and 6) is a typical Type IV configuration with 3 hardened silos and a bunkered control building. Located approximately 500 feet west of the launch site is a possible missile erector measuring 60 by 10 feet. In the same area are 4 unidentified cylinders, 2 of which measure 45 by 10 feet and 2 measuring 40 by 10 feet. The site access road enters from the north and apparently continues across the bunkered control building in a southerly direction. Immediately south of the launch site is a small, unidentified structure. The purpose of this structure cannot be determined because of a lack of recent stereo coverage.

[REDACTED] probable guardhouse measuring [REDACTED] is located northeast of the launch site.

SITE SUPPORT FACILITY

The building foundation shown in Figure 6 was covered by a possible garage in [REDACTED] (Figure 7). A possible two-story building was constructed to the east of and at

SITE SUPPORT FACILITY

The probable garage under construction in [REDACTED] (Figure 3) was complete in [REDACTED] (Figure 4).

In [REDACTED] 2 barracks-type buildings measuring approximately 130 by 40 feet were located on a hill to the southwest of the site support facility. These were removed by [REDACTED] (Figure 4). To the south of the remaining foundations is an unidentified area in which construction activity is noted.

LAUNCH AREA NO 3

Gelli Launch Area No 3 is located 4.3 nm north-northwest of Gelli in a hilly area barren of vegetation, with an average elevation of 2,000 feet. A service road running 4.2 nm southeast to Launch Area No 2 crosses

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FIGURE 7. GELLI IRBM LAUNCH AREA NO 3. [REDACTED]

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a right angle to the possible garage by the same date. Figure 5 shows several pieces of possible missile-associated equipment located adjacent to the east side of the motor pool. Their average length is approximately 70 feet. The poor quality of the photography precluded a width determination.

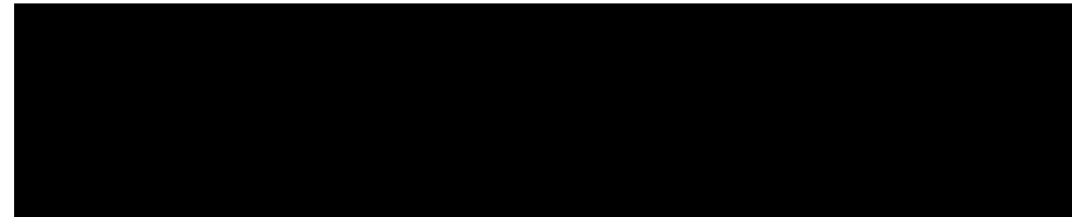
East of the motor pool is a large, earth-mounded, drive-through building, possibly missile associated. The poor-quality, stereo coverage of Mission [REDACTED] showed it in an unmounted stage of construction and revealed its dimensions to be approximately 130 by 90 feet.

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REFERENCES

PHOTOGRAPHY

25X1D



MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0325-SHL, 2d ed, Nov 63, scale 1:200,000 (SECRET)

DOCUMENTS

1. NPIC. R-252 63, *Gelli MRBM Launch Complex*, * USSR, Oct 63 (TOP SECRET RUFF)

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*Subsequently designated IRBM

REQUIREMENTS

GMAIC. 28-5 and 34-5

NPIC PROJECT

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